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FILE 'USPAT' ENTERED AT 09:39:10 ON 20 NOV 1998

=> s (blood or leukocyte# or cell#)(10n)(cryopreserv? or frozen)(p)(pyrogen# or interleukin# or cytokine#)(p)(elisa or immunoassay or bioassay or assay)

99768 BLOOD

7020 LEUKOCYTE#

260703 CELL#

719 CRYOPRESERV?

40145 FROZEN

4081 PYROGEN#

5664 INTERLEUKIN#

4145 CYTOKINE#

8539 ELISA

8039 IMMUNOASSAY

3618 BIOASSAY

49290 ASSAY

L1 4 (BLOOD OR LEUKOCYTE# OR CELL#) (10A) (CRYOPRESERV? OR FROZEN)
(P)

(PYROGEN# OR INTERLEUKIN# OR CYTOKINE#)(P)(ELISA OR IMMUNOA

SSA

Y OR BIOASSAY OR ASSAY)

=> d 1-4

- 1. 5,650,489, Jul. 22, 1997, Random bio-oligomer library, a method of synthesis thereof, and a method of use thereof; Kit Sang Lam, et al., 530/334; 435/183; 436/86, 544; 530/300, 333, 344, 350, 806, 812, 817 [IMAGE AVAILABLE]
- 2. 5,635,365, Jun. 3, 1997, Noninvasive diagnosis for allograft rejection; Aftab A. Ansari, et al., 435/15, 30 [IMAGE AVAILABLE]
- 3. 5,510,240, Apr. 23, 1996, Method of screening a peptide library; Kit S. Lam, et al., 435/7.1, 4, 18, 23, 24; 436/86, 89, 90, 501, 518, 524, 528, 531; 530/350, 387.1 [IMAGE AVAILABLE]
- 4. 5,322,787, Jun. 21, 1994, Cytokine and bioassay therefor; Michael Martin, et al., 435/372, 29 [IMAGE AVAILABLE]

=> d kwic 1-4

US PAT NO: 5,650,489 [IMAGE AVAILABLE] L1: 1 of 4

DETDESC:

DETD (128)

The bioassay can be made with the Ba/F3-T recombinant cell line expressing erythropoietin receptor (EPO-R). These cells are dependent on the presence of either interleukin-3 (IL-3) or EPO. Culture of these cells in the presence of IL-3 (supplied as 10% (v/v) WEHI-conditioned culture medium) will prevent the possible interference of EPO in the medium with the bioassay. Basic growth medium for Ba/F3-T cells is RPMI 1640 medium containing 2.0 g/L NaHCO.sub.3 10% (v/v) fetal bovine

)

serum, lx. . . is prepared by culturing WHEI cells to confluence in the same basic medium. The conditioned medium is centrifuged to remove cells, passed through a 0.22 .mu.m filter and stored frozen. The Ba/F3-T cells are cultured to give 1.31.times.10.sup.7 cells, which will be distributed as 1.times.10.sup.3 cells/well in a volume of 150 .mu.l as. . .

US PAT NO: 5,635,365 [IMAGE AVAILABLE] L1: 2 of 4

DETDESC:

DETD (44)

LAK cell medium is prepared for use in this assay; normal PBLs at 2 million per ml are cultured for 3 days at 37.degree. C., 7% CO.sub.2 in RPMI 1640, gentamycin, L-glutamine, 10% heat-inactivated fetal calf serum, 1000 U/ml recombinant interleukin 2 and then the cells are discarded after centrifugation. The conditioned medium is then frozen at -70.degree. C. in aliquots of 20 to 50 ml.

US PAT NO: 5,510,240 [IMAGE AVAILABLE] L1: 3 of 4

DETDESC:

DETD (128)

The bioassay can be made with the Ba/F3-T recombinant cell line expressing erythropoietin receptor (EPO-R). These cells are dependent on the presence of either interleukin-3 (IL-3) or EPO. Culture of these cells in the presence of IL-3 (supplied as 10% (v/v) WEHI-conditioned culture medium) will prevent the possible interference of EPO in the medium with the bioassay. Basic growth medium for Ba/F3-T cells is RPMI 1640 medium containing 2.0 g/L NaHCO.sub.3 10% (v/v) fetal bovine serum, 1.times.. . . is prepared by culturing WHEI cells to confluence in the same basic medium. The conditioned medium is centrifuged to remove cells, passed through a 0.22 .mu.m filter and stored frozen. The Ba/F3-T cells are cultured to give 1.31.times.10.sup.7 cells, which will be distributed as 1.times.10.sup.3 cells/well in a volume of 150 .mu.l as. . .

US PAT NO: 5,322,787 [IMAGE AVAILABLE] L1: 4 of 4

DETDESC:

DETD(5)

The bioassay may conveniently be provided in kit form. According to this aspect of the present invention, there is provided a kit for detecting a cytokine in a sample comprising in a compartment form a first compartment adapted to contain SPGM-1 cells and optionally additional compartments adapted to contain reagents for use in the method, such as IMDM, FCS, buffers and diluents. Preferably, the SPGM-1 cells are in cryopreserved form in the kit. Preferably, the SPGM-1 cells are cryopreserved at approximately 10.sup.6
-10.sup.7 cells/ml and this may conveniently be packed in one or more vials containing from 0.1 to 100 ml, and preferably 1. . .

=> file jpo

FILE 'JPO' ENTERED AT 09:41:35 ON 20 NOV 1998

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G P I
      JAPANESE PATENT ABSTRACTS
    \Rightarrow s 11
       15590 BLOOD
        389 LEUKOCYTE#
      102025 CELL#
          6 CRYOPRESERV?
       8023 FROZEN
        104 PYROGEN#
        542 INTERLEUKIN#
         87 CYTOKINE#
         87 ELISA
        972 IMMUNOASSAY
        18 BIOASSAY
        578 ASSAY
L2
          0 (BLOOD OR LEUKOCYTE# OR CELL#) (10A) (CRYOPRESERV? OR FROZEN)
(P)
           (PYROGEN# OR INTERLEUKIN# OR CYTOKINE#) (P) (ELISA OR IMMUNOA
SSA
           Y OR BIOASSAY OR ASSAY)
=> file epoabs
FILE 'EPOABS' ENTERED AT 09:41:46 ON 20 NOV 1998
 EUROPEAN PATENT ABSTRACTS
 => s 11
       16195 BLOOD
        592 LEUKOCYTE#
       62714 CELL#
         61 CRYOPRESERV?
       3647 FROZEN
        141 PYROGEN#
        737 INTERLEUKIN#
        380 CYTOKINE#
        185 ELISA
       1704 IMMUNOASSAY
         68 BIOASSAY
       3969 ASSAY
L3
          0 (BLOOD OR LEUKOCYTE# OR CELL#) (10A) (CRYOPRESERV? OR FROZEN)
(P)
           (PYROGEN# OR INTERLEUKIN# OR CYTOKINE#)(P)(ELISA OR IMMUNOA
SSA
           Y OR BIOASSAY OR ASSAY)
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